

HISTORIC AMERICAN ENGINEERING RECORD

HAER  
NY  
1-WAVL,  
1/40-

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WATERVLIET ARSENAL

HAER Number NY-1C

Broadway Shops - Building 40

(Benet Research & Engineering Laboratory)

West of Broadway between Oalliba Avenue and Westervelt Avenue

Watervliet, Albany County, New York

Robert A. Ryan and J Ceronie, Photographers  
DENNETT, MUESSIG, RYAN & ASSOCIATES, LTD.  
Iowa City, Iowa

November 1984

- NY-1C-1      OVERALL VIEW OF THE E (FRONT, UNIT 2) & N (UNIT 1) ELEVATIONS,  
              SHOWING THE MAIN ENTRY GATE TO THE ARSENAL; LOOKING SW. (Ryan)
- NY-1C-2      OVERALL VIEW OF THE E (FRONT, UNIT 2) ELEVATION; LOOKING WNW.  
              (Ryan)
- NY-1C-3      OVERALL VIEW OF THE S (UNIT 3) & E (FRONT, UNIT 2) ELEVATIONS;  
              LOOKING NW. (Ceronie)
- NY-1C-4      OVERALL VIEW OF THE N & W (REAR) ELEVATIONS, SHOWING UNITS 1, 6,  
              5 & 4; LOOKING SE. (Ceronie)
- NY-1C-5      OVERALL VIEW OF THE W (REAR) ELEVATION, SHOWING UNITS 1, 6, 5,  
              2 & 4; LOOKING ENE. (Ceronie)
- NY-1C-6      DETAIL VIEW OF ENTRY DOOR WITH FAN LIGHT, N ELEVATION. (Ceronie)
- NY-1C-7      DETAIL VIEW OF COLONIAL STYLE ENTRY DOOR, N ELEVATION. (Ceronie)
- NY-1C-8      DETAIL VIEW OF WOOD TRUSS SYSTEM IN THE ATTIC OF UNIT 3, SHOWING  
              HALF OF ONE TRUSS AND A STAIRWAY TO THE SECOND FLOOR; LOOKING  
              SW. (Ryan and Ceronie)
- NY-1C-9      GENERAL VIEW OF THE CAST IRON TRUSS SYSTEM IN THE ATTIC OF UNIT  
              2, SHOWING THE JUNCTION OF THE TRUSSES ABOVE THE MAIN ENTRY GABLE  
              WITH THE TYPICAL TRUSS SYSTEM FOR THE WING; LOOKING SSW.  
              (Ryan and Ceronie)

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- NY-1C-10      Photograph of an historic photographic print of a line drawing in possession of the Watervliet Arsenal Museum, New York. PLAN AND SOUTH (UNIT 3), EAST (UNIT 2), AND NORTH (UNIT 1) ELEVATIONS DRAWN IN 1866 SHORTLY AFTER CONSTRUCTION OF UNITS 1, 2, AND 5.
- NY-1C-11      Photograph of a photograph in possession of the Watervliet Arsenal Museum, New York. EAST (UNIT 1) AND NORTH (UNIT 2) ELEVATIONS. TAKEN IN 1865 WHEN BUILDING WAS UNDER CONSTRUCTION.
- NY-1C-12      Photograph of a photograph in possession of the Watervliet Arsenal Museum, New York. CONSTRUCTION PHOTOGRAPH SHOWING CAST IRON COLUMNS AND BEAMS IN WHAT IS PROBABLY THE SECOND FLOOR OF UNIT 2. TAKEN IN 1865.
- NY-1C-13      Photograph of a photograph in possession of the Watervliet Arsenal Museum, New York. CONSTRUCTION PHOTOGRAPH SHOWING CAST IRON COLUMNS IN WHAT IS PROBABLY THE SECOND FLOOR OF UNIT 1. TAKEN IN 1865.
- NY-1C-14      Photograph of a photograph in possession of the Watervliet Arsenal Museum, New York. CONSTRUCTION PHOTOGRAPH SHOWING CAST IRON TRUSS SYSTEM IN WHAT IS PROBABLY UNIT 2. TAKEN IN 1865.
- NY-1C-15      Photograph of a photograph in possession of the Watervliet Arsenal Museum, New York. WEST AND SOUTH ELEVATIONS OF BOILER HOUSE (UNIT 5) BEFORE STACK WAS REMOVED. UNDATED.
- NY-1C-16      Photograph of line drawing in possession of the Engineering Division of the Directorate of Engineering and Housing, Watervliet Arsenal, New York. TRANSVERSE SECTION OF STOREHOUSE (UNIT 1), SHOWING CAST IRON COLUMNS, UNDATED.
- NY-1C-17      Photograph of line drawing in possession of the Engineering Division of the Directorate of Engineering and Housing, Watervliet Arsenal, New York. PLAN OF CELLAR UNDER PRESENT WOOD SHOP, UNDATED.
- NY-1C-18      Photograph of line drawing in possession of the Engineering Division of the Directorate of Engineering and Housing, Watervliet Arsenal, New York. SECTION OF CARPENTER SHOP AND STOREHOUSE, SHOWING NORTH WALL OF CARPENTER SHOP (UNIT 2) ON THE LEFT AND JUNCTION OF THE CARPENTER SHOP AND STOREHOUSE (UNIT 1) ON THE RIGHT, SEPTEMBER 22, 1898.
- NY-1C-19      Photograph of line drawing in possession of the Engineering Division of the Directorate of Engineering and Housing, Watervliet Arsenal, New York. STEAM HEATING PLANT FOR THE SHOPS BELOW THE CANAL, FIRST AND SECOND FLOOR PLANS, UNDATED. (LEFT HALF OF DRAWING)

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Photograph of line drawing in possession of the Engineering Division of the Directorate of Engineering and Housing, Watervliet Arsenal, New York. STEAM HEATING PLANT FOR THE SHOPS BELOW THE CANAL, FIRST AND SECOND FLOOR PLANS, UNDATED. (RIGHT HALF OF DRAWING)